

APR 30 2007

*Ideas that Change the World*

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FAX TRANSMISSION COVER SHEET**Date:** April 30, 2007**To:** Arlen Soderquist
US Patent and Trademark Office**Phone:** (571) 272-1265
Fax: (571) 273-8300**From:** Bruce H. Cottrell
LC/IP**Phone:** (505) 667-9168
Fax: (505) 665-4424**Re:** 10/789,588
S-100,636
Andrew M. Dattelbaum**Sender:** Marcie A. Archuleta

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Comments:

Included in this facsimile transmittal are the following documents for filing in the above-identified patent application:

Fee Transmittal (1 page)
Amendment/Response (8 pages)

Fee Payments Authorized: \$510.00

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UNCLASSIFIED

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Rev. 02/02/06

FEE TRANSMITTAL For FY 2006 <small>Patent fees are subject to annual revision</small>		Complete if Known	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number:	10/789,588
TOTAL AMOUNT OF PAYMENT: 510.00		Filing Date:	2/27/2004
		First Named Inventor:	Andrew M. Dattelbaum
		Examiner Name:	Arlen Soderquist
		Group/Art Unit:	1743
		Attorney Docket No.:	S-100,636

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)																																																																																																																																																																																																																																				
<p>1. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 12-2150 Deposit Account Name: Los Alamos National Laboratory <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17</p>	<p>3. ADDITIONAL FEES</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee Code</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1051 \$130</td> <td>2051 \$65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052 \$50</td> <td>2052 \$25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1812 \$2520</td> <td>1812 \$2520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>1251 \$120</td> <td>2251 \$60</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252 \$450</td> <td>2252 \$225</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253 \$1020</td> <td>2253 \$510</td> <td>Extension for reply within third month</td> <td style="text-align: right;">510</td> </tr> <tr> <td>1254 \$1590</td> <td>2254 \$795</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255 \$2160</td> <td>2255 \$1080</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401 \$500</td> <td>2401 \$250</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402 \$500</td> <td>2402 \$250</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403 \$1000</td> <td>2403 \$500</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1452 \$500</td> <td>2452 \$250</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1814 \$110</td> <td>2814 \$55</td> <td>Terminal Disclaimer</td> <td></td> </tr> <tr> <td>1453 \$1500</td> <td>2453 \$750</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1480 \$130</td> <td>1480 \$130</td> <td>Petitions to the Director</td> <td></td> </tr> <tr> <td>1806 \$180</td> <td>1806 \$180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>1809 \$790</td> <td>2809 \$395</td> <td>Filing a submission after final rejection (37 CFR 1.129 (a))</td> <td></td> </tr> <tr> <td>1810 \$790</td> <td>2810 \$395</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>1811 \$100</td> <td>1811 \$100</td> <td>Certificate of Correction</td> <td></td> </tr> <tr> <td>1504 \$300</td> <td>1504 \$300</td> <td>Publication fee for early, voluntary, or normal publication/Republication fee</td> <td></td> </tr> <tr> <td>1801 \$790</td> <td>2801 \$395</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td colspan="3" style="padding-top: 10px;">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right; padding-top: 10px;">SUBTOTAL (3)</td> <td style="text-align: right; vertical-align: bottom;">\$510</td> </tr> <tr> <td colspan="4" style="padding-top: 5px;">Reduced by Basic Filing Fee Paid _____</td> </tr> <tr> <td colspan="3" style="text-align: right; padding-top: 10px;">SUBTOTAL FROM 1</td> <td style="text-align: right; vertical-align: bottom;">\$0</td> </tr> <tr> <td colspan="3" style="text-align: right; padding-top: 5px;">SUBTOTAL FROM 2</td> <td style="text-align: right; vertical-align: bottom;">\$0</td> </tr> <tr> <td colspan="3" style="text-align: right; padding-top: 5px;">SUBTOTAL FROM 3</td> <td style="text-align: right; vertical-align: bottom;">\$510</td> </tr> <tr> <td colspan="3" style="text-align: right; padding-top: 10px;">TOTAL AMOUNT OF PAYMENT</td> <td style="text-align: right; vertical-align: bottom;">\$510</td> </tr> <tr> <td colspan="4" style="text-align: center; padding-top: 5px;">(Enter total amount at top of page)</td> </tr> </tbody> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center; padding: 5px;">FEE CALCULATION</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;"> <p>1. 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